

WEATHER
&
CROPS

Week of: July 18 - 24, 2005

Number: 20

Released: July 25, 2005

CROP SUMMARY FOR WEEK ENDING JULY 24, 2005

Hot and humid weather continued this week in the Commonwealth with some areas receiving intermittent evening showers and others remaining dry. Days suitable for fieldwork were 5.8. The rain did allow some crops to recover from the dry weather experienced earlier in the summer, but corn and pasturelands still remain stressed. Some areas have reported an improvement in corn with the periodic rain, but others have noticed that some corn is not pollinating properly. Hay is following a similar pattern with the harvest producing high yields in areas that have adequate soil moisture. In the south eastern tidewater region, excessive rain has forced some farmers to replant soybeans and delay the spraying of Roundup resulting in weed infested fields. Throughout the state, high temperatures are beginning to cause stress on livestock and is expected to damage the tobacco crop if the heat continues. Other activities for the week included post-emergence herbicides to soybeans, scouting crops for disease and insects, irrigating crops, finishing the wheat harvest, and continuing with the vegetable harvest.

TOPSOIL MOISTURE PERCENT				
Week Ending	Very Short	Short	Adequate	Surplus
June 26, 2005	10	35	55	0
July 3, 2005	16	39	45	0
July 10, 2005	7	29	55	9
July 17, 2005	3	20	65	12
July 24, 2005	5	26	66	3

CROP CONDITION PERCENT					
Crop	Very Poor	Poor	Fair	Good	Excellent
Pastures	3	15	38	36	8
Livestock	0	3	32	51	14
Hay, (other)	2	17	41	35	5
Hay, (alfalfa)	2	4	43	35	16
Corn	1	10	38	40	11
Soybeans	2	11	37	45	5
Tobacco, Flue-Cured	1	2	33	57	7
Tobacco, Burley	0	0	6	58	36
Tobacco, Dark Fire-Cured	1	4	43	52	0
Peanuts	0	6	38	50	6
Cotton	0	5	41	48	6
Summer Potatoes	7	2	20	43	28
Apples, (all)	0	0	27	71	2
Peaches	1	1	21	70	7
Grapes	0	0	12	80	8

CROP PROGRESS PERCENT - WITH COMPARISONS				
Crop	This Week	Last Week	Last Year	5 Year
Corn Silked	73	50	87	77
Corn Dough	17	9	50	40
Soybeans Emerged	100	92	100	97
Soybeans Blooming	30	14	48	29
Winter Wheat Harvested	100	94	100	99
Peanuts Pegged	69	52	72	63
Cotton Squaring	93	76	100	91
Cotton Setting Bolls	50	23	88	49
Summer Potatoes Harvested	50	17	60	75
Summer Apples Harvested	11	2	53	46
Peaches Harvested	19	NA	38	36

WEATHER STATION	TEMPERATURE (degrees Fahrenheit)				PRECIPITATION (inches)		
	HI	LO	Average	Departure From Normal	TOTAL	Departure From Normal	Days
NORTHERN							
Woodstock	90	60	78	3	0.63	-0.21	2
The Plains	90	62	79	4	1.07	0.23	5
Winchester 7 SE	90	58	77	4	1.54	0.70	3
Dale Enterprise	90	57	77	3	0.71	-0.13	4
WESTERN							
Glasgow	93	63	80	6	1.49	0.65	5
Roanoke AP	92	63	80	5	0.01	-0.90	1
Waynesboro	91	60	77	5	0.87	0.03	3
Staunton AG	90	59	77	5	0.80	-0.04	2
CENTRAL							
Somerset	91	62	79	4	1.09	0.04	5
Piedmont Res ST	92	64	80	5	1.44	0.39	3
Bremo Bluff	98	69	85	8	0.33	-0.54	2
Richmond AP	97	66	84	7	2.27	1.08	3
EASTERN							
Eastville	95	70	85	7	0.05	-0.79	1
Wallops Island	91	67	83	4	0.24	-0.53	3
Williamsburg	94	68	83	6	0.03	-1.15	1
Keysville	99	64	84	8	0.20	-0.71	1
SOUTHWESTERN							
Blacksburg AG	89	57	75	4	1.33	0.42	5
Wytheville	88	55	74	3	0.50	-0.48	4
Saltville	89	60	76	6	1.58	0.48	4
Richlands	87	62	75	8	1.00	-0.06	5
SOUTHERN							
Stuart	90	63	79	5	1.30	0.04	4
Danville AG	96	69	83	5	0.18	-0.85	2
Chatham	91	63	79	4	1.87	0.83	5
Martinsville	91	66	79	4	0.65	-0.47	4
SOUTHEASTERN							
Norfolk VA	94	74	84	6	0.45	-0.74	1
Oceana	94	69	83	5	0.31	-0.82	2
Emporia	96	67	83	7	0.29	-0.62	1
Newport News	101	68	87	9	0.02	-1.17	1

Departure from Normal based on 1961-90 Normals.
Precipitation Days=Days with precip of 0.01 inch or more.